

TOP SECRET**PRIORITY****OUT38629****26 MAY 1966****P 252207Z
FM NPIC**

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SUBJECT: BINARY CLOCK TIME, MISSION 1031-1 AND 1031-2.

CITE NPIC 7306.

1. AFTER EXAMINING THE CLOCK CORRELATION DATA AND THE BINARY CLOCK TIME IMAGED ON THE FILM, IT HAS BEEN ESTABLISHED THAT THE VEHICLE CLOCK SUDDENLY INCREASED ("JUMPED") BETWEEN PASSES 65D AND 68D. THE PHOTO PASSES AFFECTED BY THIS JUMP WERE 68D, 69D, 71D, AND 72D. BY THE BEGINNING OF PASS 74D, THE CLOCK DRIFTED BACK TO NORMAL AND AGREED WITH THE CORRELATION DATA FURNISHED. IN ORDER TO CORRECT THIS DISCONTINUITY, AND TO REFLECT THE PROPER UNIVERSAL TIME IN THE FRAME EPHEMERIS DATA, NPIC HAS INTERPOLATED A PAIR OF NEW CLOCK INTERROGATION VALUES FOR REVS. 67 AND 68.

2. IT APPEARS THAT THIS SAME KIND OF ANOMALY OCCURRED AGAIN IN 1031-2 BETWEEN PASSES 143D AND 151D. NPIC IS IN THE PROCESS OF ANALYZING AND CORRECTING THIS DISCONTINUITY. HOWEVER, THERE MAY BE AN ADDITIONAL COMPLICATION HERE IN AS MUCH AS THE JUMP MAY OCCUR MORE THAN ONCE.

3. USERS OF THE CLOCK TIME IMAGES SHOULD BE CAUTIOUS OF THESE AREAS IN THE TWO MISSIONS. GP-1

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